

DECLARATION AND POWER OF ATTORNEY

As a bel w nam d inventor, I declar that:

My residence, post office address and citizenship are as stated below next t my name; I believe I am the original, first and sol invento (if only one nam is listed below) or an original, first and joint inventor (if plural inventors are named bel w) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **SUBSTRATE PREPARATION PROCESS** the specification c which ____ is attached hereto or X was filed on April 17, 1996 as Application No. 08/634,053 and was amended n ____ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendme referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application f r patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

C untry	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes ____ No ____
			Yes ____ No ____

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed b l w:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as t subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided l the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defin d Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the nati nal PCT international filing date of this application:

Application No.	Date of Filing	Status
		____ Patented ____ Pending ____ Abandon d
		____ Patented ____ Pending ____ Aband ned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this applicati and transact all business in the Patent and Trademark Office connected therewith.

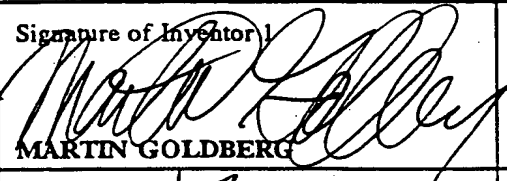
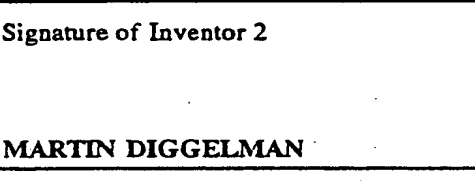
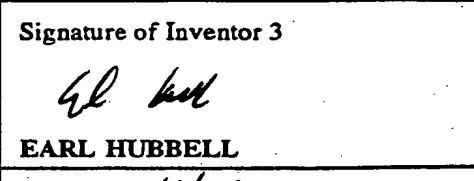
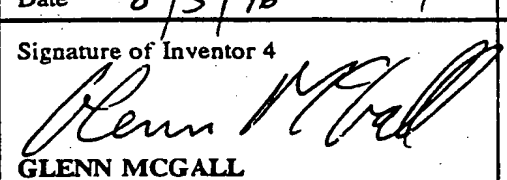
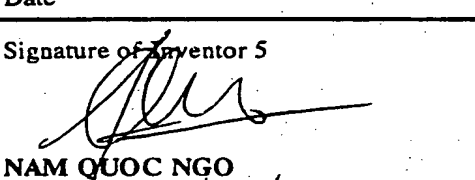
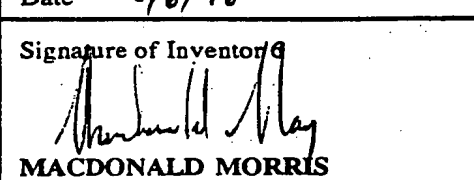
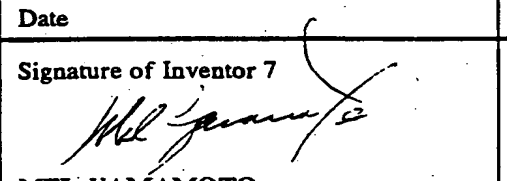
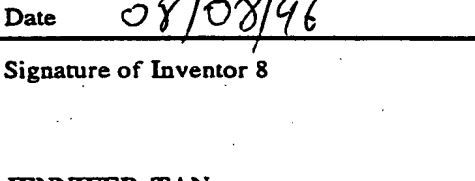
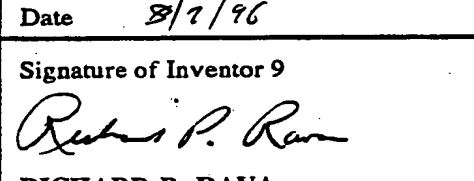
VERN A. NORVIEL, Reg. No. 32,483
 WILLIAM M. SMITH, Reg. No. 30,223
 MATTHEW B. MURPHY, Reg. No. 39,787

Send Correspondence to: VERN A. NORVIEL, ESQ. TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, CA 94111-3834	Direct Telephone Calls to: (Name, Reg. No., telephone no.) VERN A. NORVIEL, ESQ. Reg. No. 32,483 (415) 576-0200
---	--

Full Name of Inventor 1	Last Name GOLDBERG	First Name MARTIN	Middle Name or Initial	
Residence & Citizenship	City SAN JOSE	State/Foreign Country CALIFORNIA	Country of Citizenship U.S.A.	
Post Office Address	Post Office Address 1498 BING DRIVE	City SAN JOSE	State/Country CALIFORNIA	Zip Code 95129
Full Name of Inventor 2	Last Name DIGGELMAN	First Name MARTIN	Middle Name or Initial	
Residence & Citizenship	City ARLESHEIM	State/Foreign Country SWITZERLAND	Country of Citizenship SWITZERLAND	
Post Office Address	Post Office Address IM LEE 24	City ARLESHEIM	State/Country SWITZERLAND	Zip Code 4144
Full Name of Inventor 3	Last Name HUBBELL	First Name EARL	Middle Name or Initial	
Residence & Citizenship	City MOUNTAIN VIEW	State/Foreign Country CALIFORNIA	Country of Citizenship U.S.A.	
Post Office Address	Post Office Address 1929 CRISANTO #425	City MOUNTAIN VIEW	State/Country CALIFORNIA	Zip Code 94040
Full Name of Inventor 4	Last Name MCGALL	First Name GLENN	Middle Name or Initial	
Residence & Citizenship	City MOUNTAIN VIEW	State/Foreign Country CALIFORNIA	Country of Citizenship CANADA	
Post Office Address	Post Office Address 750 N. SHORELINE BLVD. #30	City MOUNTAIN VIEW	State/Country CALIFORNIA	Zip Code 94043
Full Name of Inventor 5	Last Name NGO	First Name NAM	Middle Name or Initial QUOC	
Residence & Citizenship	City CAMPBELL	State/Foreign Country CALIFORNIA	Country of Citizenship	
Post Office Address	Post Office Address 4191 RINCON AVENUE	City CAMPBELL	State/Country CALIFORNIA	Zip Code 95008
Full Name of Inventor 6	Last Name MORRIS	First Name MACDONALD	Middle Name or Initial	
Residence & Citizenship	City SAN JOSE	State/Foreign Country CALIFORNIA	Country of Citizenship U.S.A.	
Post Office Address	Post Office Address P.O. BOX 720488	City SAN JOSE	State/Country CALIFORNIA	Zip Code 95172
Full Name of Inventor 7	Last Name YAMAMOTO	First Name MEL	Middle Name or Initial	
Residence & Citizenship	City FREMONT	State/Foreign Country CALIFORNIA	Country of Citizenship U.S.A.	
Post Office Address	Post Office Address 4211 WARBLER LOOP	City FREMONT	State/Country CALIFORNIA	Zip Code 94555
Full Name of Inventor 8	Last Name TAN	First Name JENNIFER	Middle Name or Initial	
Residence & Citizenship	City NEWARK	State/Foreign Country CALIFORNIA	Country of Citizenship PHILIPPINES	
Post Office Address	Post Office Address 39668 POTRERO DRIVE	City NEWARK	State/Country CALIFORNIA	Zip Code 94560

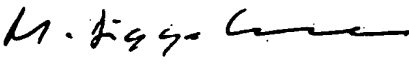
Full Name of Inventor 9	Last Name RAVA	First Name RICHARD	Middle Name or Initial P.	
Residence & Citizenship	City SAN JOSE	State/Foreign Country CALIFORNIA	Country of Citizenship U.S.A.	
Post Office Address	Post Office Address 1091 DANBURY DRIVE	City SAN JOSE	State/Country CALIFORNIA	Zip Code 95129

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  MARTIN GOLDBERG	Signature of Inventor 2  MARTIN DIGGELMAN	Signature of Inventor 3  EARL HUBBELL
Date 8/5/96	Date	Date 8/6/96
Signature of Inventor 4  GLENN MCGALL	Signature of Inventor 5  NAM QUOC NGO	Signature of Inventor 6  MACDONALD MORRIS
Date	Date 08/08/96	Date 8/7/96
Signature of Inventor 7  MEL YAMAMOTO	Signature of Inventor 8  JENNIFER TAN	Signature of Inventor 9  RICHARD P. RAVA
Date 8-15-96	Date	Date 8/12/96


Full Name of Inventor 9	Last Name RAVA	First Name RICHARD	Middle Name r Initial P.	
Residence & Citizenship	City SAN JOSE	State/For ign Country CALIFORNIA	Country of Citiz nship U.S.A.	
Post Office Address	Post Office Address 1091 DANBURY DRIVE	City SAN JOSE	State/Country CALIFORNIA	Zip Cod 95129

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 MARTIN GOLDBERG	Signature of Inventor 2  MARTIN DIGGELMAN	Signature of Inventor 3 EARL HUBBELL
Date	Date 9/5/96	Date
Signature of Inventor 4 GLENN MCGALL	Signature of Inventor 5 NAM QUOC NGO	Signature of Inventor 6 MACDONALD MORRIS
Date	Date	Date
Signature of Inventor 7 MEL YAMAMOTO	Signature of Inventor 8 JENNIFER TAN	Signature of Inventor 9 RICHARD P. RAVA
Date	Date	Date

Full Name of Inventor 9	Last Name RAVA	First Name RICHARD	Middle Name or Initial P.	
Residence & Citizenship	City SAN JOSE	State/Foreign Country CALIFORNIA	Country of Citizenship U.S.A.	
P st Office Address	P st Office Address 1091 DANBURY DRIVE	City SAN JOSE	State/Country CALIFORNIA	Zip Code 95129

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 MARTIN GOLDBERG	Signature of Inventor 2 MARTIN DIGGELMAN	Signature of Inventor 3 EARL HUBBELL
Date	Date	Date
Signature of Inventor 4 GLENN MCGALL	Signature of Inventor 5 NAM QUOC NGO	Signature of Inventor 6 MACDONALD MORRIS
Date	Date	Date
Signature of Inventor 7 MEL YAMAMOTO	Signature of Inventor 8  JENNIFER TAN	Signature of Inventor 9 RICHARD P. RAVA
Date	Date JULY 23, 1996	Date

COPY

PATENT
ATTORNEY DOCKET NO. 03848-82044

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Martin Diggelmann, Earl Hubbell,
Nam Quoc Ngo, Mel Yamamoto, Martin
Goldberg, Glenn McGall, MacDonald Morris,
and Jennifer Tan

Examiner:

Serial No.: 09/244,568

Art Unit: 1623

Filed: February 4, 1999

Title: SUBSTRATE PREPARATION PROCESS

Assistant Commissioner for Patents
Washington, D.C. 20231

**APPOINTMENT OF ASSOCIATE ATTORNEYS AND
CHANGE OF CORRESPONDENCE ADDRESS**

Sir:

Under 37 CFR § 1.34(b), Applicants' undersigned principal attorney of record appoints
the following:

John P. Iwanicki, Reg. No. 34,628
Peter D. McDermott, Reg. No. 29,411
Ernest V. Linek, Reg. No. 29,822

Pamela I. Banner, Reg. No. 33,633
Gregory J. Cohan, Reg. No. 40,959
Joseph M. Skerpon, Reg. No. 29,864

of the firm of Banner & Witcoff, Ltd. as associate attorneys to prosecute this application on its

I hereby certify that this correspondence is being deposited with
the United States Postal Service as first class mail in an envelope
addressed to: Assistant Commissioner for Patents, Washington,
D.C. 20231, on

November 4, 1999

Date

Laurie Hall

USSN 09/244,568

Laurie Hall

behalf and to transact all business before the Patent and Trademark Office connected therewith.

All future correspondence relating to this application should be directed to:


John P. Iwanicki
Banner & Witcoff, Ltd.
28 State Street, 28th Floor
Boston, MA 02109

Telephone calls should be directed to John P. Iwanicki at (617) 227-7111; telecopier communications should be directed to John P. Iwanicki at (617) 227-4399.

Respectfully submitted,

Date:

10/17/99



Vern Norviel, Reg. No. 32,483

Affymetrix, Inc.

3380 Central Expressway

Santa Clara, CA 95051

Telephone: (408) 731-5000

Fax: (408) 481-0422